

US Application No. 09/491,527

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20. An apparatus according to claim 19 wherein the drop deposition system comprises a pulse-jet.

21. (AMENDED) An apparatus according to claim 19 wherein the processor generates an overlay composite from the image set which comprises a region of overlap of the droplet sub-sets.

SUB 30
22. (AMENDED) An apparatus according to claim 19 wherein the image capture system includes a processor which causes the capture system to provide multiple image sets of respective multiple target feature locations, each image set representing a corresponding target feature location and in which each image represents the location following deposition of a corresponding sub-set of multiple droplets for that feature.

A1
23. (AMENDED) An apparatus according to claim 22 wherein the processor of the image capture system causes the capture system to provide each set from multiple captured images each of which simultaneously includes multiple target feature locations following a cycle of droplet depositions at those locations.

A2 SUB 33
25. (AMENDED) An apparatus according to claim 19 wherein the drop deposition system includes a processor which alters the deposition of additional droplets for the feature, or of droplets for other features on the same or another array, based at least in part on the overlay composite.

26. An apparatus according to claim 19 additionally comprising a storage medium and a communication module, wherein the processor stores the overlay composite on the storage medium and causes the communication module to communicate the stored overlay composite to a remote user of the array.

27. An apparatus for fabricating an array of features, comprising:
a drop deposition system to deposit multiple reagent droplets for each of multiple target feature locations so as to form the array of features;

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